

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090921\
 Data File : VX024145.D
 Acq On : 09 Sep 2021 17:07
 Operator : JC/MD
 Sample : M3686-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-DISCHARGE

Quant Time: Sep 10 07:30:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

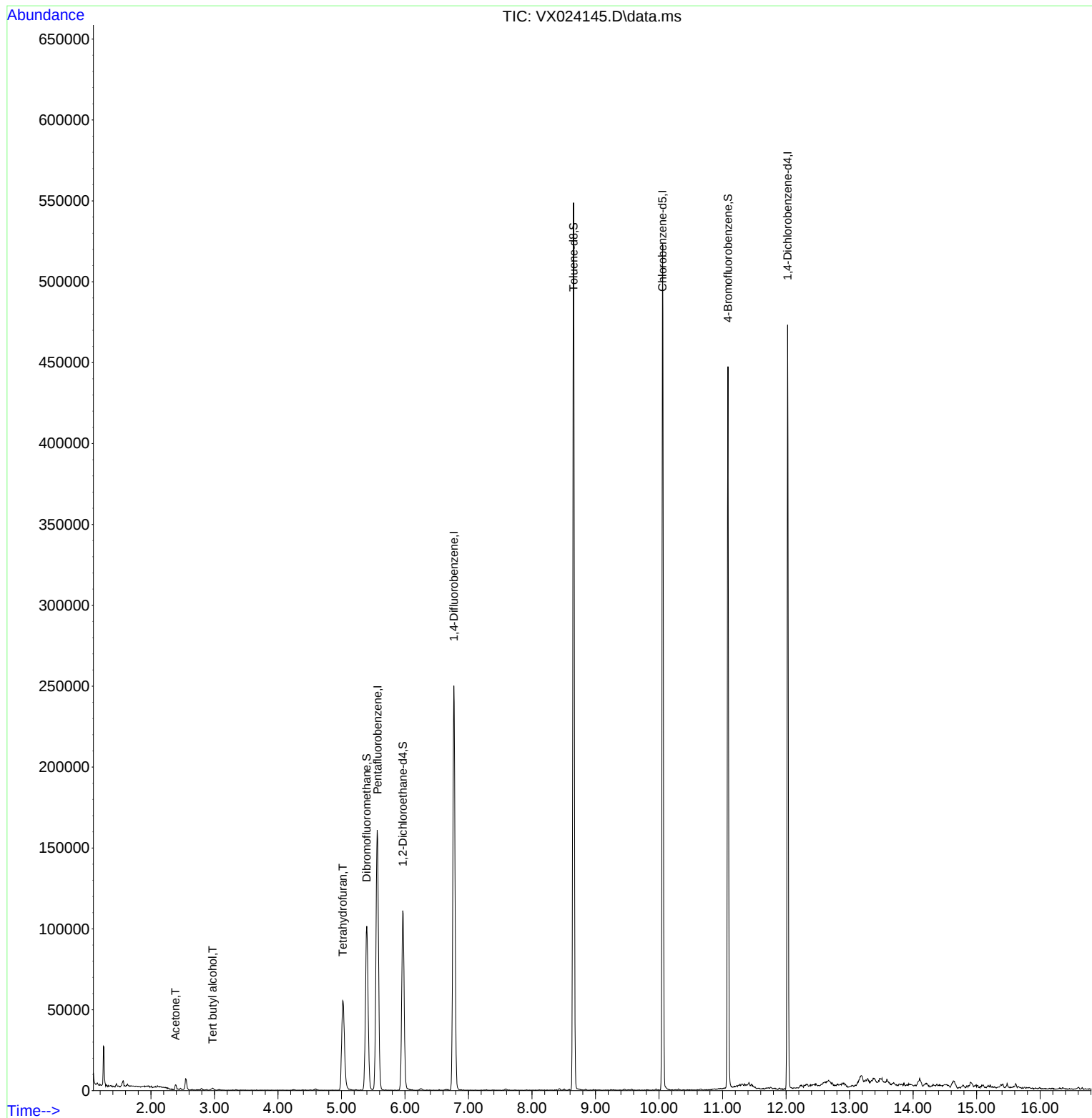
Internal Standards						
1) Pentafluorobenzene	5.568	168	149871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	250029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112086	53.585	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.180%	
35) Dibromofluoromethane	5.397	113	85642	51.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.500%	
50) Toluene-d8	8.653	98	316151	50.194	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	11.085	95	112233	48.404	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.800%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	1521	3.596	ug/l	# 84
16) Acetone	2.386	43	3820	4.084	ug/l	96
29) Tetrahydrofuran	5.019	42	50992	55.573	ug/l	90

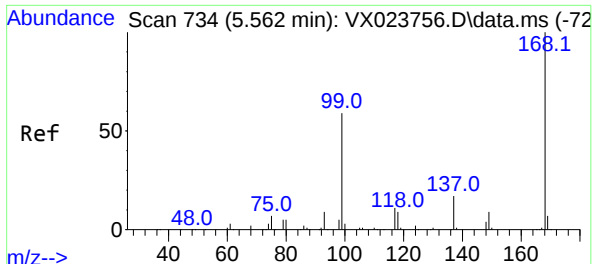
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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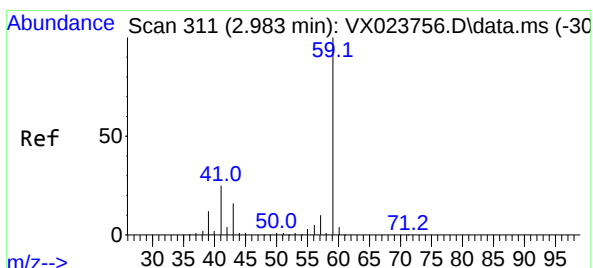
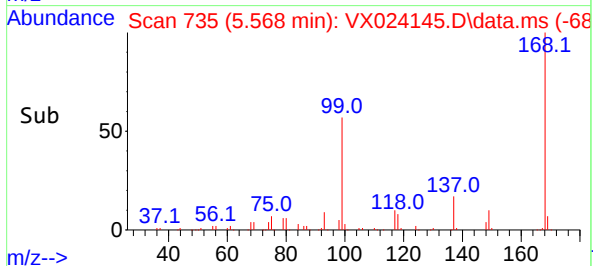
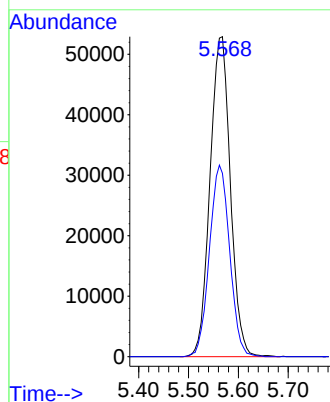
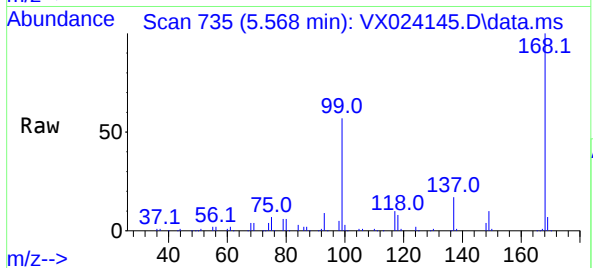




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024145.D
Acq: 09 Sep 2021 17:07

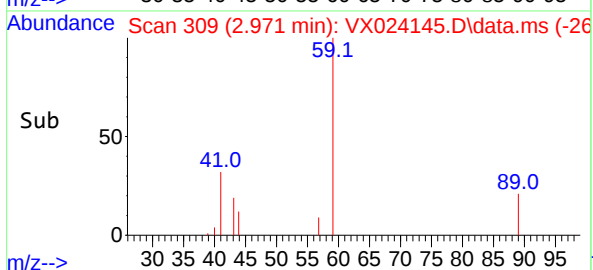
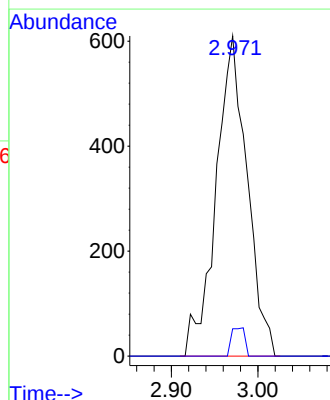
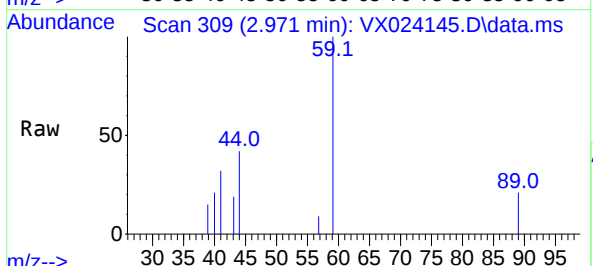
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-DISCHARGE

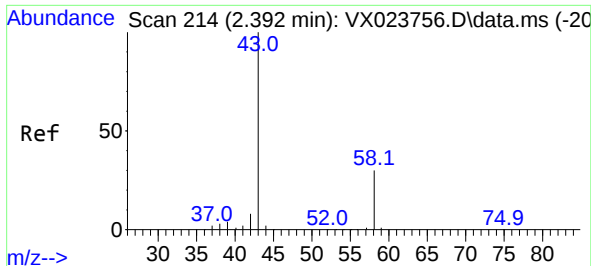
Tgt Ion:168 Resp: 149871
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.6



#11
Tert butyl alcohol
Concen: 3.596 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX024145.D
Acq: 09 Sep 2021 17:07

Tgt Ion: 59 Resp: 1521
Ion Ratio Lower Upper
59 100
57 3.8 7.8 11.8#

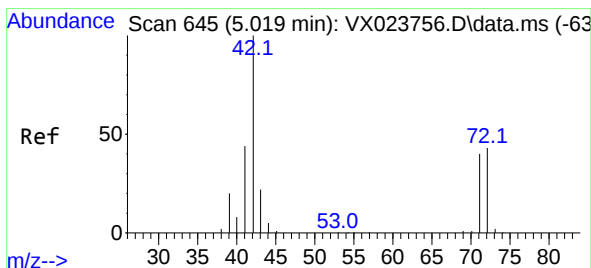
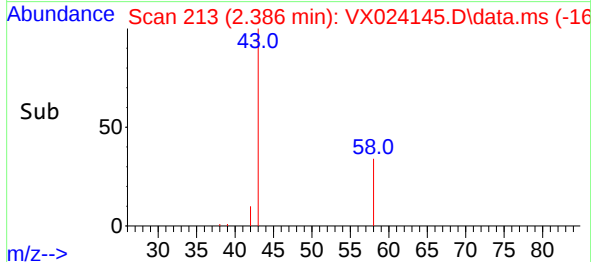
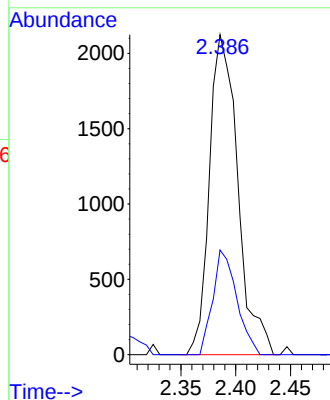
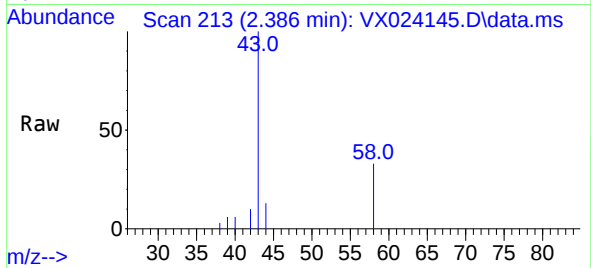




#16
Acetone
Concen: 4.084 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024145.D
Acq: 09 Sep 2021 17:07

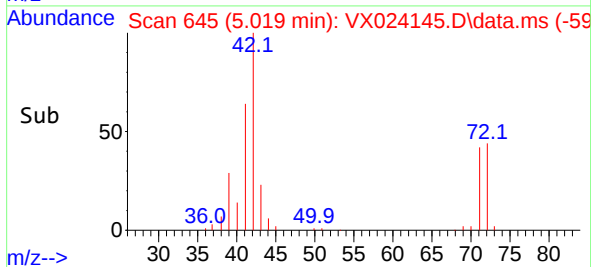
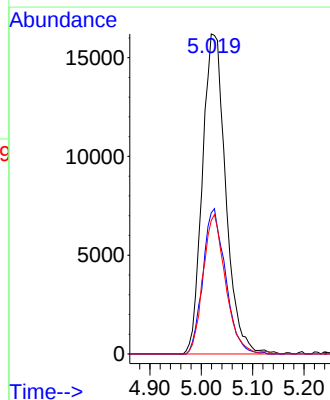
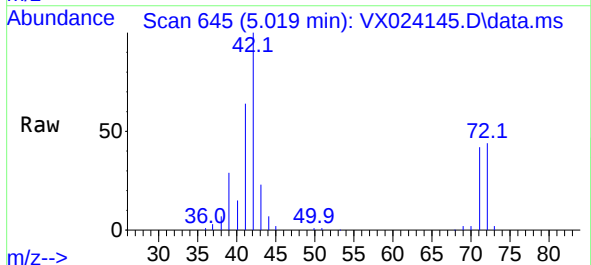
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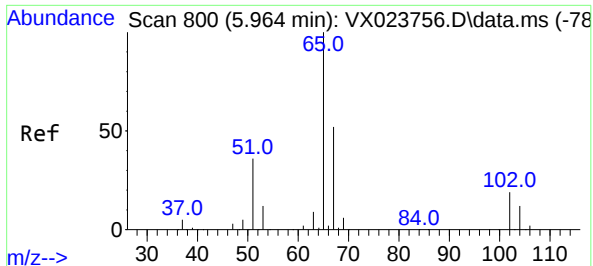
Tgt Ion: 43 Resp: 3820
Ion Ratio Lower Upper
43 100
58 32.7 27.8 41.8



#29
Tetrahydrofuran
Concen: 55.573 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.000 min
Lab File: VX024145.D
Acq: 09 Sep 2021 17:07

Tgt Ion: 42 Resp: 50992
Ion Ratio Lower Upper
42 100
72 44.0 41.7 62.5
71 41.7 38.4 57.6

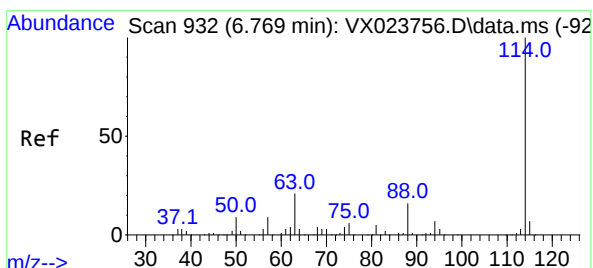
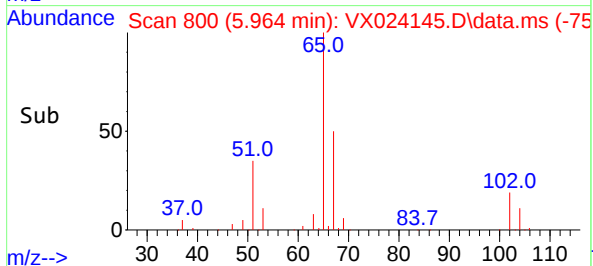
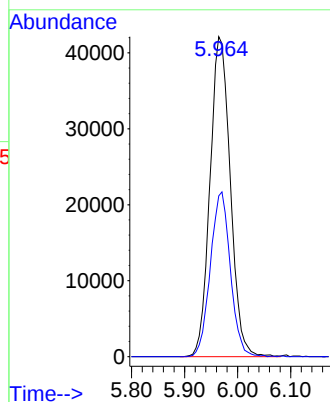
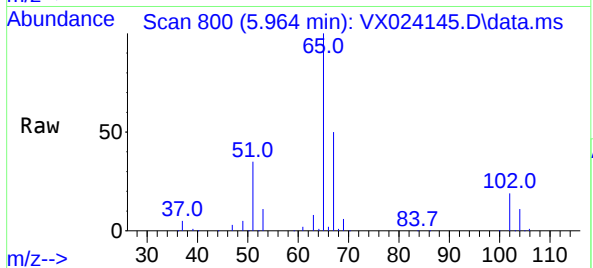




#33
 1,2-Dichloroethane-d4
 Concen: 53.585 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX024145.D
 Acq: 09 Sep 2021 17:07

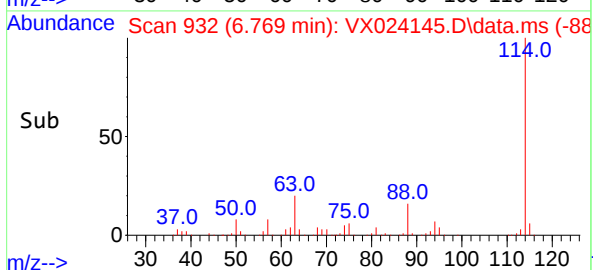
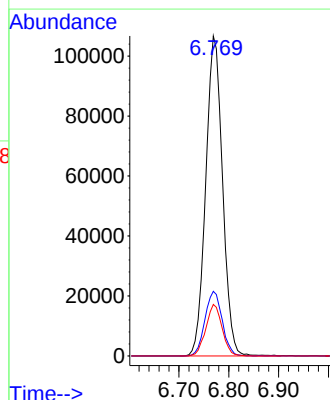
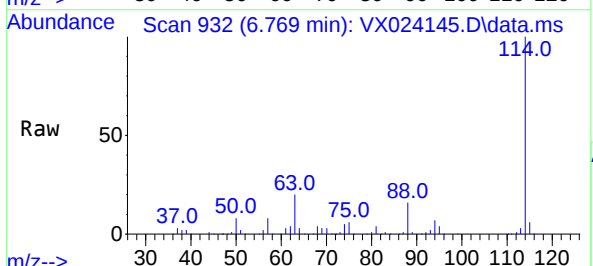
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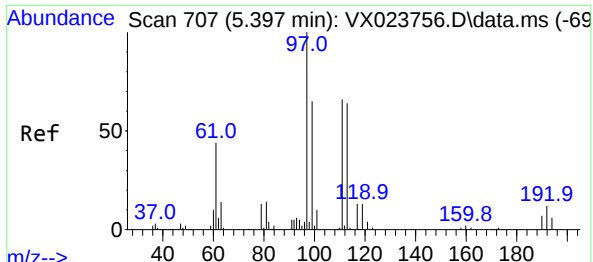
Tgt Ion: 65 Resp: 112086
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX024145.D
 Acq: 09 Sep 2021 17:07

Tgt Ion: 114 Resp: 250029
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.751 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024145.D

Acq: 09 Sep 2021 17:07

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-DISCHARGE

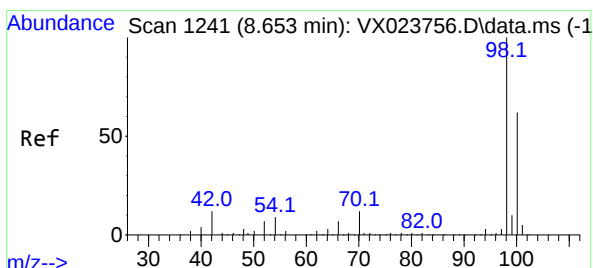
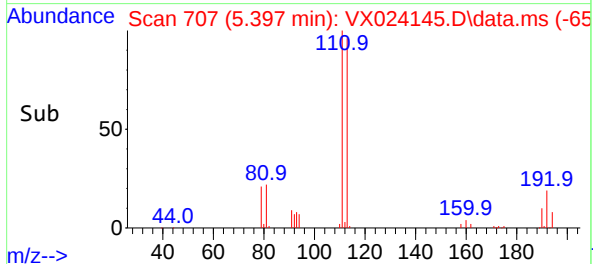
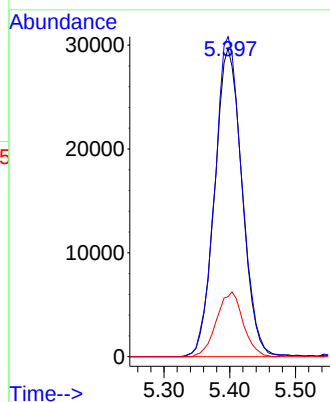
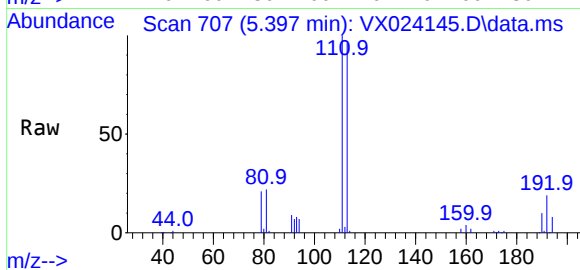
Tgt Ion:113 Resp: 85642

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

192 20.5 16.7 25.1



#50

Toluene-d8

Concen: 50.194 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024145.D

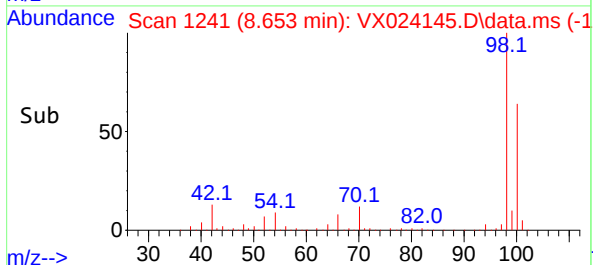
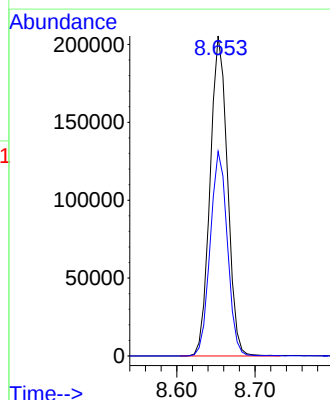
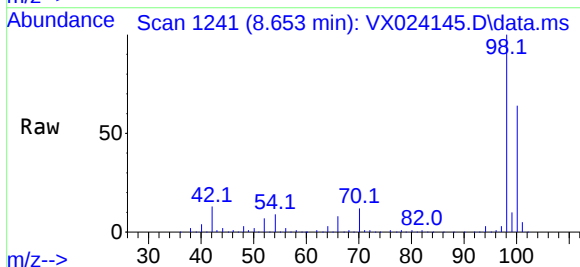
Acq: 09 Sep 2021 17:07

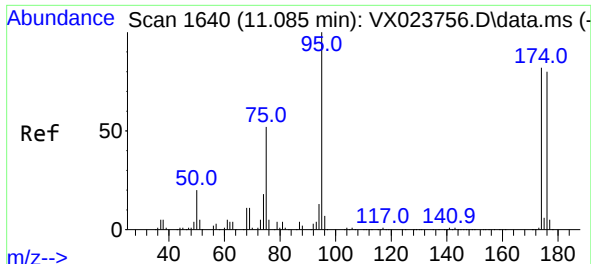
Tgt Ion: 98 Resp: 316151

Ion Ratio Lower Upper

98 100

100 63.1 51.9 77.9

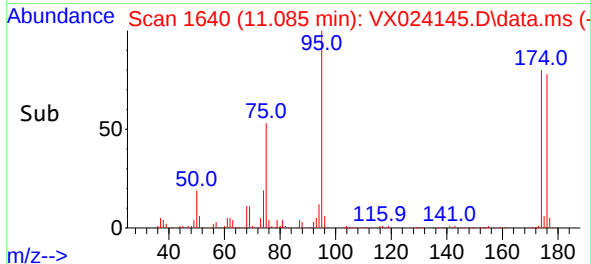
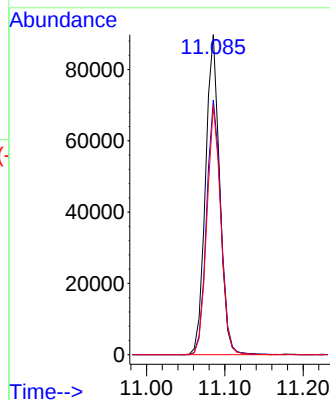
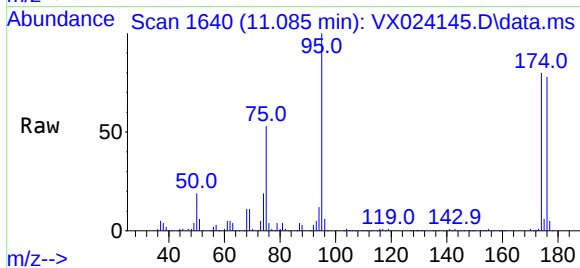




#62
4-Bromofluorobenzene
Concen: 48.404 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024145.D
Acq: 09 Sep 2021 17:07

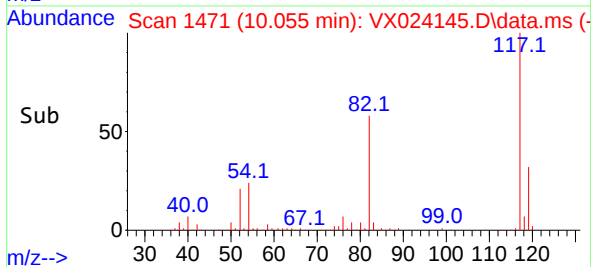
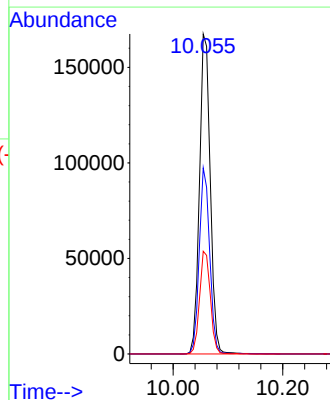
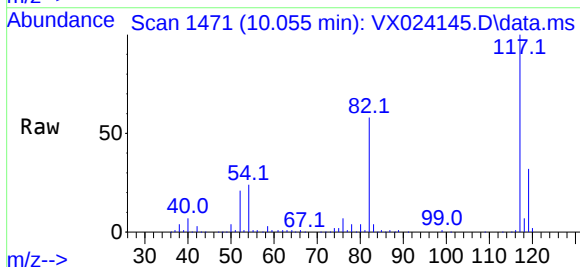
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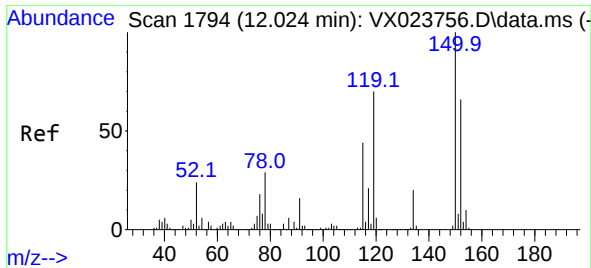
Tgt Ion: 95 Resp: 112233
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 76.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024145.D
Acq: 09 Sep 2021 17:07

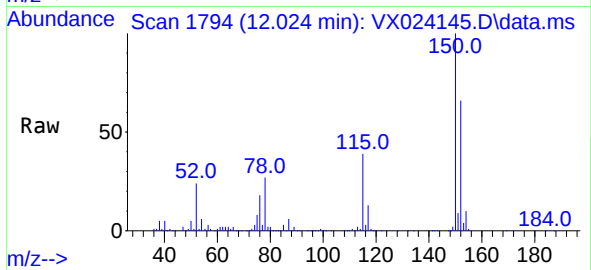
Tgt Ion: 117 Resp: 229741
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.1 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024145.D
 Acq: 09 Sep 2021 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-DISCHARGE



Tgt Ion:152 Resp: 93486
 Ion Ratio Lower Upper
 152 100
 115 61.1 41.1 123.3
 150 156.4 0.0 349.0

